FORM PTC 1449 (modified)			ATTY DOCKET NO. 03500.017554	APPLICATION NO. 10/735,902		
	U.S. DEPARTMENT OF COMMER PATENT AND TRADEMARK OFFI F REFERENCES CITED BY AFFE (Use several sheets if necessary	CENTISE.	APPLICANT	ichi TAKAI		10/135,302
Submitted: March 4, 2004			FILING DATE December 16,	GROUP Unassigned		
*EXAMINER INITIAL	MINER DOCUMENTS		U.S. PATENT DOCUMENTS NAME	CLASS	SUBCLASS FILING DATE IF APPROPRIATE	
me	5,993,524	11/30/1999	Nagai et al.	106	31.27	
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	 	FOF	REIGN PATENT DOCUMENTS			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
me	JP 11-78211 A	03/23/1999	Japan			Abstract and U.S. Counterpart
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		i)	,			
	ОТІ	HER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pa	ages, Etc.)		•••
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KAMINER	Me	.	DATE CONSIDERED	5/5/	04	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE			ATTY DOCKET NO. 03500.017554	APPLICATION NO. 10/735,902		
F	PATENT AND TRADEMARK OFFICE FREFERENCES CITED BY APPLIA (Use several sheets if necessary)	Œ	APPLICANT YOL	CHI TAKAL	DA, ET AL.	
Submitted: February 20, 2004			FILING DATE December 16,	GROUP Unassigned		
		EB 3 0 5004 TH	J.S. PATENT DOCUMENTS		•	4 .
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE DATE OF THE PARTY OF THE P	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	6,582,070 B2	6/24/2003	Takada, et al.	347	100	
m	6,540,329 B1	4/1/2003	Kaneko, et al.	347	43	
me.	6,506,239 B1	1/14/2003	Osumi, et al.	106	- 31.27	
ma	6,435,658 B1	8/20/2002	Kato, et al.	347	43	·
m	2002/0093557 A1	7/18/2002	Takuhara, et al.	347	100	
mel	6,341,854 B1	1/29/2002	Takemoto	347	96	
me	6,286,953 B1	9/11/2001	Takemoto, et al.	347	100	
ma	-6,238,045 B1	5/29/2001	Ono, et al.	347	96	· · · · · · · · · · · · · · · · · · ·
me	6,084,619	7/4/2000	Takemoto, et al.	347	96	
me	6,027,210	2/22/2000	Kurabayashi, et al.	347	100	
pel	6,020,398	2/1/2000	Erdtmann, et al.	523	160	* *
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•	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
M	2002-332437	11/22/2002	Japan	_		Abstract
M	2002-211106	7/31/2002	Japan			Abstract
me	2002-52804	2/19/2002	Japan	-		Abstract
M	2000-281947	10/10/2000	Japan		_	Abstract
<u> </u>	ОТ	HER DOCUMENT(S)	(Including Author, Title, Date, Pertinent P	ages, Etc.)		
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EXAMINER	Me	u	DATE CONSIDERED	5/5/	04	

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AND TRADEMAR RENCES CITED By everal sheets if nec 2004 DOCUMENT NUMBER 5,734,403 4,740,796 4,723,129 4,608,577	BY APPLICANT(S)	V.S. PATENT D NAME Suga, et al. Endo, et al. Endo, et al.	E Decembe	YOICHI TAKA er 16, 2003 SUBCLASS 101	GROUP Unassigned FILING DATE IF APPROPRIATE
DOCUMENT NUMBER 5,734,403 4,740,796 4,723,129	3/31/1998 4/26/1988	U.S. PATENT D NAME Suga, et al. Endo, et al.	December DOCUMENTS CLASS 347	SUBCLASS 101	Unassigned
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5,734,403 4,740,796 4,723,129	3/31/1998	Suga, et al. Endo, et al.	CLASS 347	101	FILING DATE IF APPROPRIATE
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4,723,129			346	1.1	
	2/2/1988	Endo, et al.		4 · · · - <u> · · ·</u> ·	Albania and a second
,608,577	1	+	346	1.1	
	8/26/1986	Hori	346	140R	
1,558,333	12/10/1985	Sugitani, et	346	140 R	
1,463,359	7/31/1984	Ayata, et al.	346	1.1	
,459,600	7/10/1984	Sato, et al.	346	140 R	
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
00-94825	4/4/2000	Japan			Abstract
00-37942	2/8/2000	Japan			Abstract and US counterpart
000-1641	1/7/2000	Japan			Abstract and US counterpart
-207424	8/2/1997	Japan			Abstract and US counterparts
86142 B2	10/13/1994	Japan			Abstract
	OTHER DOCUME	ENT(S) (Including Author	r, Title, Date, Perti	inent Pages, Etc.)	
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00	00-37942 000-1641 -207424	00-37942 2/8/2000 000-1641 1/7/2000 -207424 8/2/1997 66142 B2 10/13/1994	2/8/2000 Japan 200-1641 1/7/2000 Japan 207424 8/2/1997 Japan 26142 B2 10/13/1994 Japan	00-37942 2/8/2000 Japan — 000-1641 1/7/2000 Japan — 000-1641 8/2/1997 Japan — 00142 B2 10/13/1994 B2	00-37942 2/8/2000 Japan — — — — — — — — — — — — — — — — — — —

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EXAMINER.

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DOCKET NO 03	o. 3 500.01755	APPLICATION NO. 10/735,902	
	PATENT AND TRADEMAR FREFERENCES CITED B' (Use several sheets if nea	Y APPLICANT(S)	APPLICANT	YC	DICHI TAKAL	
Submitted: Febru	iary 20, 2004	FILING DATE	ecember 1	GROUP Unassigned		
			U.S. PATENT DOCU	MENTS		
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
m	4,345,262	8/17/1982	Shirato, et al.	346	140 R	
m	4,313,124	1/26/1982	Hara	346	140 R	
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	T		FOREIGN PATENT DOC	UMENTS		
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
M	6-106735	4/19/1994	Japan			Abstract and US counterpart
na	2783647	1/16/1992	Japan			Abstract
ph	60-71260	4/23/1985	Japan			Abstract and US counterpart
m.	59-138461	8/8/1984	Japan			Abstract
me	59-123670	7/17/1984	Japan			Abstract
//	54-56847	5/8/1979	Japan			Abstract
		OTHER DOCUMEN	T(S) (Including Author, Title,	Date, Pertinent	Pages, Etc.)	· · · · · · · · · · · · · · · · · · ·
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